SUMMARY OF WATER CONDITIONS

April 1, 2006

It was the wettest March since 1995 in most of California, with much below normal temperatures and a big boost to the snowpack during the month. A series of storms from a northwesterly direction out of the Gulf of Alaska brought rain and snow almost daily and set some new records for the number of days with precipitation. Very wet conditions are continuing into April. The water supply improved from last month with excellent prospects for most users but now there are concerns about too much runoff in many Central Valley rivers depending on how the snowmelt ensues.

Forecasts of April through July runoff are 130 percent of average statewide, ranging from 145 percent on the North Coast to about 125 percent in the Sacramento River region. Water year forecasts are slightly higher at 140 percent, well above average except in the south.

Snowpack water content gained about 40 percent during March, nearly triple the normal gain, and is now 125 percent of average compared to 135 percent last year. It ranges from 110 in the Sacramento River region to 145 percent in South Lahontan regions. The continuing series of mountain snowstorms has made snow data collections difficult this past month.

Precipitation from October through March was about 130 percent of average compared to 140 percent one year ago. The range is from 55 percent in southern California regions to 155 percent in the San Francisco Bay region. March precipitation was 180 percent of average.

Runoff has been about 155 percent of average so far this season boosted by large percentages in the northern half of the State. Runoff in the southern regions has been much less, matching the precipitation patterns. Estimated runoff of the eight major rivers of the Sacramento and San Joaquin River regions during March was 5.3 million acre-feet.

Reservoir storage continues excellent at about 115 percent of average compared to 105 percent last year. Most large reservoirs are about as full as they can be for this time of year in view of flood control considerations.

SUMMARY OF WATER CONDITIONS
IN PERCENT OF AVERAGE

HYDROLOGIC REGION	PRECIPITATION OCTOBER 1 TO DATE	April 1 SNOW WATER CONTENT	April 1 RESERVOIR STORAGE	RUNOFF OCTOBER 1 TO DATE	APR-JULY RUNOFF FORECAST	WATER YEAR RUNOFF FORECAST
NORTH COAST	150	140	105	165	145	150
SAN FRANCISCO BAY	155	--	115	160	--	--
CENTRAL COAST	110	--	130	85	--	--
SOUTH COAST	60	--	100	80	--	--
SACRAMENTO RIVER	145	110	110	155	125	145
SAN JOAQUIN RIVER	125	135	125	150	135	135
TULARE LAKE	110	135	145	105	130	120
NORTH LAHONTAN	140	125	125	185	140	145
SOUTH LAHONTAN	100	145	115	95	130	125
COLORADO RIVER-DESERT	55	--	--	--	--	--
STATEWIDE	130	125	115	155	130	140

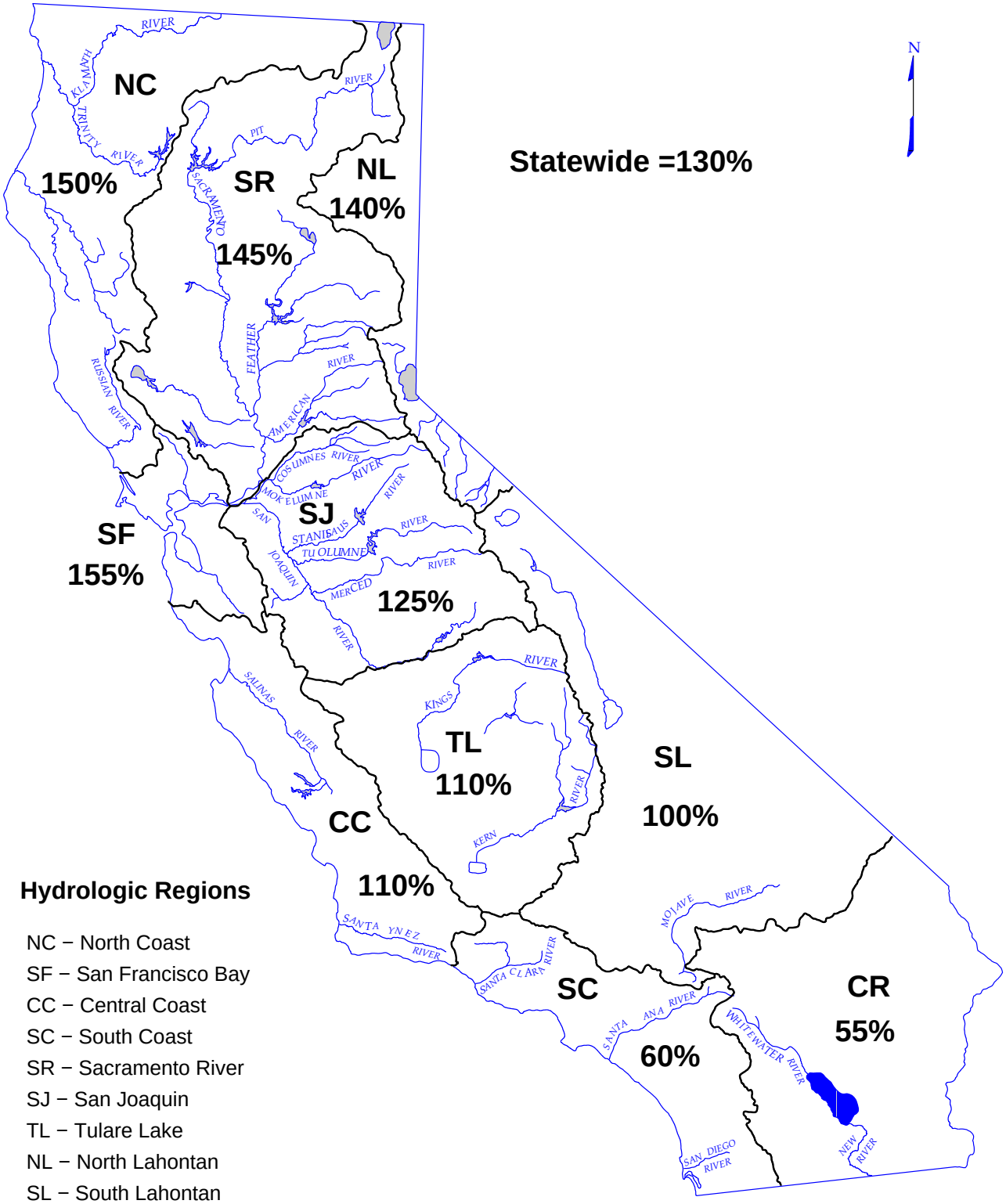
DEPARTMENT OF WATER RESOURCES

CALIFORNIA COOPERATIVE SNOW SURVEYS

SEASONAL PRECIPITATION

IN PERCENT OF AVERAGE TO DATE

October 1, 2005 through March 31, 2006

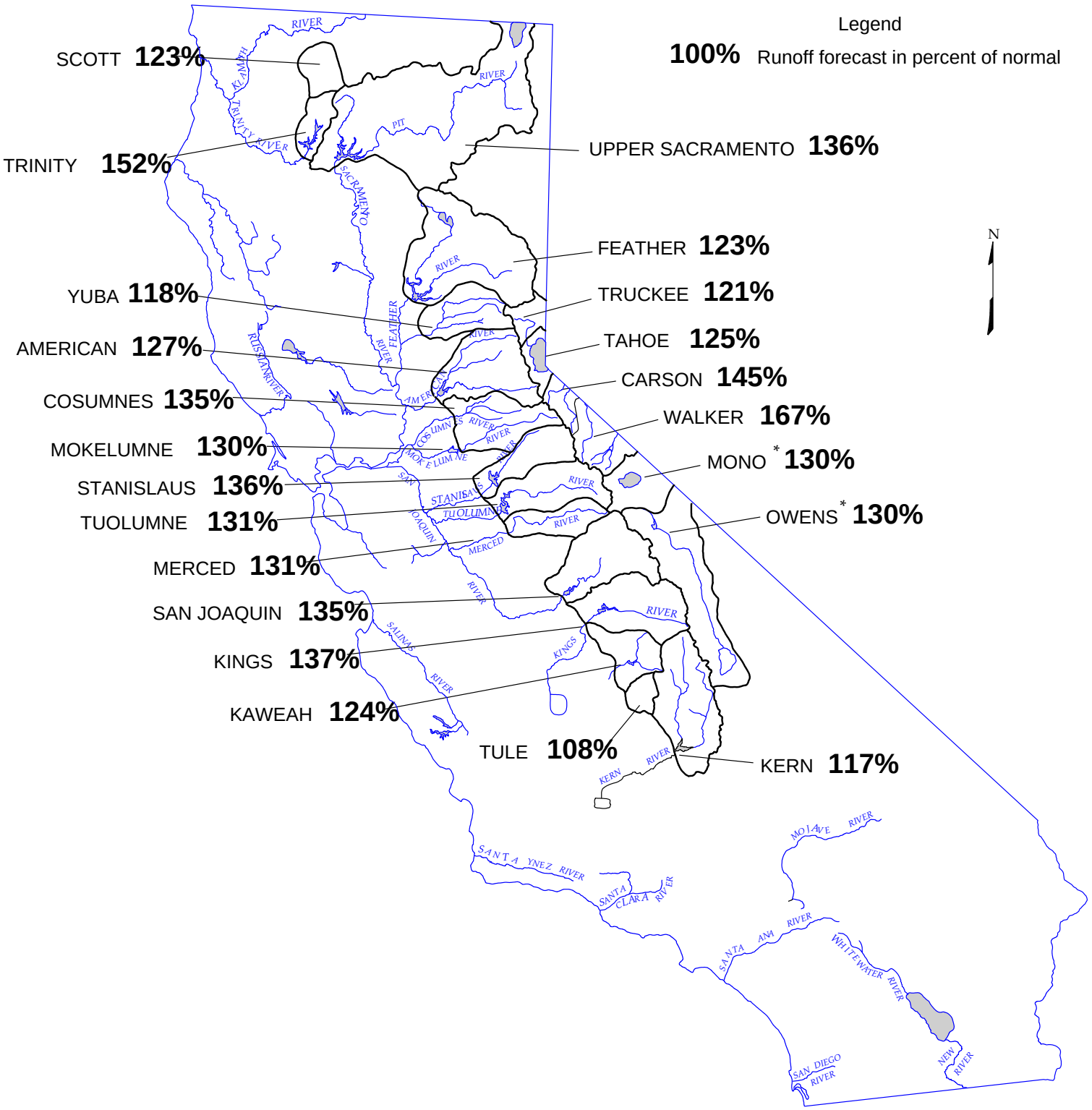


Hydrologic Regions

NC − North Coast
SF − San Francisco Bay
CC − Central Coast
SC − South Coast
SR − Sacramento River
SJ − San Joaquin
TL − Tulare Lake
NL − North Lahontan
SL − South Lahontan
CR − Colorado River−Desert

WATER YEAR IS OCTOBER 1 THROUGH SEPTEMBER 30

DEPARTMENT OF WATER RESOURCES
CALIFORNIA COOPERATIVE SNOW SURVEYS
FORECAST OF APRIL – JULY
UNIMPAIRED SNOWMELT RUNOFF
April 1, 2006



* FORECAST BY DEPARTMENT OF WATER AND POWER, CITY OF LOS ANGELES

APRIL 1, 2006 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

HYDROLOGIC REGION and Watershed	Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg	80 % Probability Range (1)
SACRAMENTO RIVER						
Upper Sacramento River						
Sacramento River at Delta above Shasta Lake (3)	299	711	39	430	144%	
McCloud River above Shasta Lake	400	850	185	580	145%	
Pit River near Montgomery Creek + Squaw Creek	1,090	2,098	480	1,360	125%	
Total Inflow to Shasta Lake	1,849	3,525	726	**2,510**	136%	2,110 - 3,160
Sacramento River above Bend Bridge, near Red Bluff	2,521	5,075	943	**3,400**	135%	2,880 - 4,400
Feather River						
Feather River at Lake Almanor near Prattville (3)	333	675	120	390	117%	
North Fork at Pulga (3)	1,028	2,416	243	1,240	121%	
Middle Fork near Clio (4)	86	518	4	110	128%	
South Fork at Ponderosa Dam (3)	110	267	13	140	127%	
Feather River at Oroville	1,870	4,676	392	**2,300**	123%	1,940 - 2,980
Yuba River						
North Yuba below Goodyears Bar (3)	286	647	51	340	119%	
Inflow to Jackson Mdws and Bowman Reservoirs (3)	112	236	25	130	116%	
South Yuba at Langs Crossing (3)	233	481	57	260	112%	
Yuba River near Smartville plus Deer Creek	1,044	2,424	200	**1,230**	118%	990 - 1,640
American River						
North Fork at North Fork Dam (3)	262	716	43	330	126%	
Middle Fork near Auburn (3)	522	1,406	100	680	130%	
Silver Creek Below Camino Diversion Dam (3)	173	386	37	220	127%	
American River below Folsom Lake	1,282	3,074	229	**1,630**	127%	1,400 - 2,100
SAN JOAQUIN RIVER						
Cosumnes River at Michigan Bar	130	363	8	**175**	135%	135 - 245
Mokelumne River						
North Fork near West Point (5)	437	829	104	560	128%	
Total Inflow to Pardee Reservoir	469	1,065	102	**610**	130%	550 - 750
Stanislaus River						
Middle Fork below Beardsley Dam (3)	334	702	64	450	135%	
North Fork Inflow to McKays Point Dam (3)	224	503	34	310	138%	
Stanislaus River below Goodwin Reservoir (7)	716	1,710	116	**970**	136%	860 - 1,180
Tuolumne River						
Cherry Creek & Eleanor Creek near Hetch Hetchy (3)	322	727	97	420	130%	
Tuolumme River near Hetch Hetchy (3)	606	1,392	153	790	130%	
Tuolumne River below La Grange Reservoir (7)	1,230	2,682	301	**1,610**	131%	1,460 - 1,890
Merced River						
Merced River at Pohono Bridge (3)	362	888	80	480	133%	
Merced River below Merced Falls (7)	633	1,587	123	**830**	131%	760 - 1,010
San Joaquin River						
San Joaquin River at Mammoth Pool (6)	1,014	2,279	235	1,340	132%	
Big Creek below Huntington Lake (6)	95	264	11	130	137%	
South Fork near Florence Lake (6)	202	511	58	270	134%	
San Joaquin River inflow to Millerton Lake	1,262	3,355	262	**1,700**	135%	1,530 - 1,950
TULARE LAKE						
Kings River						
North Fork Kings River near Cliff Camp (3)	239	565	50	330	138%	
Kings River below Pine Flat Reservoir	1,234	3,113	274	**1,690**	137%	1,510 - 1,890
Kaweah River below Terminus Reservoir	290	814	62	**360**	124%	325 - 440
Tule River below Lake Success	65	259	2	**70**	108%	61 - 95
Kern River						
Kern River near Kernville (3)	373	1,203	83	460	123%	
Kern River inflow to Lake Isabella	470	1,657	84	**550**	117%	520 - 670

(1) See inside back cover for definition
(2) All 50 year averages are based on years 1951-2000 unless otherwise noted
(3) 50 year average based on years 1941-90
(4) 44 year average based on years 1936-79
(5) 36 year average based on years 1936-72
(6) 45 year average based on years 1936-81

APRIL 1, 2006 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

Unimpaired Runoff in 1,000 Acre-Feet (1)

HISTORICAL			DISTRIBUTION								FORECAST		
50 Yr Avg (2)	Max of Record	Min of Record	Oct Thru Jan*	Feb *	Mar *	Apr	May	Jun	Jul	Aug & Sep	Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
888	1,965	165											
1,234	2,353	557											
3,217	5,150	1,484											
6,194	10,796	2,479	3,125	825	1,380	1,020	730	460	300	440	**8,280**	134%	7,800 - 9,040
8,990	17,180	3,294	5,125	1,335	2,130	1,430	970	610	390	620	**12,610**	140%	12,010 - 13,705
780	1,269	366											
2,417	4,400	666											
219	637	24											
291	562	32											
4,775	9,492	994	2,625	725	1,130	880	820	400	200	220	**7,000**	147%	6,610 - 7,765
564	1,056	102											
181	292	30											
379	565	98											
2,459	4,926	369	1,435	405	495	450	460	250	70	50	**3,615**	147%	3,355 - 4,050
616	1,234	66											
1,070	2,575	144											
318	705	59											
2,830	6,382	349	1,515	475	645	560	630	360	80	40	**4,305**	152%	4,060 - 4,805
409	1,253	20	208	60	159	90	55	25	5	2	**604**	148%	560 - 675
626	1,009	197											
774	1,800	129	280	85	140	150	240	190	30	10	**1,125**	145%	1,060 - 1,270
471	929	88											
1,196	2,952	155	445	135	240	250	370	270	80	15	**1,805**	151%	1,700 - 2,045
461	1,147	123											
770	1,661	258											
1,974	4,631	383	530	150	300	350	580	520	160	25	**2,615**	132%	2,450 - 2,960
461	1,020	92											
1,014	2,787	150	210	75	170	180	310	270	70	15	**1,300**	128%	1,220 - 1,515
1,337	2,964	308											
112	298	14											
248	653	71											
1,851	4,642	362	315	110	200	300	550	580	270	60	**2,385**	129%	2,190 - 2,730
284	607	58											
1,736	4,287	386	245	80	155	270	550	590	280	50	**2,220**	128%	2,030 - 2,430
460	1,402	94	77	26	61	85	120	120	35	8	**532**	116%	490 - 620
153	615	16	32	7	31	30	25	12	3	2	**142**	93%	130 - 170
558	1,577	163											
741	2,318	175	125	35	60	120	180	180	70	35	**805**	109%	770 - 940

* Unimpaired runoff in prior months based on measured flows

(7) Forecast point names based on USGS gage names. Stanislaus below Goodwin also known as inflow to New Melones, Tuolumne River below La Grange also known as inflow to Don Pedro, Merced River below Merced Falls also known as inflow to McClure.

APRIL 1, 2006 FORECASTS
APRIL-JULY UNIMPAIRED RUNOFF

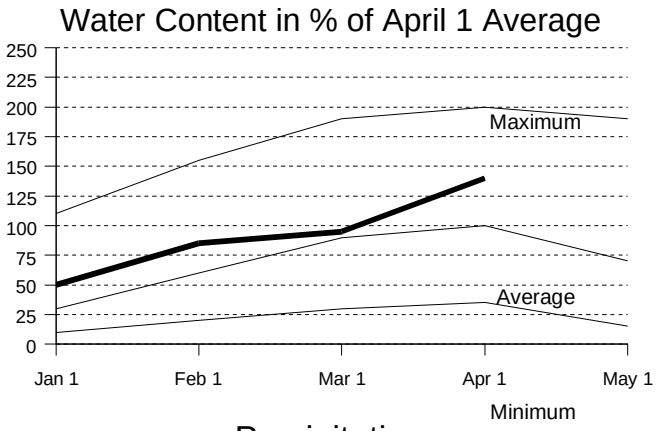
HYDROLOGIC REGION and Watershed	Apr-Jul Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Apr-Jul Forecasts	Pct of Avg
NORTH COAST					
Trinity River					
Trinity River at Lewiston Lake (3)	660	1,593	80	**1,000**	152%
Scott River					
Scott River near Fort Jones	200	400	30	**245**	123%
Klamath River					
Total inflow to Upper Klamath Lake (4)	515	939	149	**820**	159%
NORTH LAHONTAN					
Truckee River					
Lake Tahoe to Farad accretions	272	713	52	**330**	121%
Lake Tahoe Rise (assuming gates closed, in ft)	1.4	5.4	0.2	**1.8**	125%
Carson River					
West Fork Carson River at Woodfords	55	135	12	**77**	139%
East Fork Carson River near Gardnerville	190	407	43	**280**	147%
Walker River					
West Walker River below Little Walker, near Coleville	153	330	35	**245**	160%
East Walker River near Bridgeport	65	209	7	**120**	184%
SOUTH LAHONTAN					
Owens River					
Total tributary flow to Owens River (5)	235	579	96	**306**	130%

APRIL 1, 2006 FORECASTS
WATER YEAR UNIMPAIRED RUNOFF

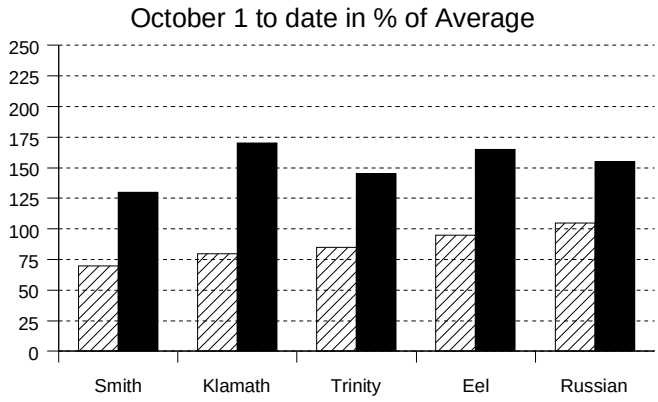
HYDROLOGIC REGION and Watershed	Water Year Unimpaired Runoff in 1,000 Acre-Feet (1) HISTORICAL 50 Yr Avg (2)	Max of Record	Min of Record	FORECAST Water Year Forecasts	Pct of Avg	80 % Probability Range (1)
NORTH COAST						
Trinity River						
Trinity River at Lewiston Lake (3)	1,411	2,990	200	**2,105**	149%	1945 - 2275

(1) See inside back cover for definition
(2) All 50 year averages are based on years 1951-2000 unless otherwise noted
(3) Forecast by DWR and National Weather Service California-Nevada River Forecast Center.
(4) Forecast by U.S. Natural Resources Conservation Service and National Weather Service California-Nevada River Forecast Center, April through September forecast, 30 year average based on years 1971-2000.
(5) Forecast by Department of Water and Power, City of Los Angeles, average based on years 1951-2000.

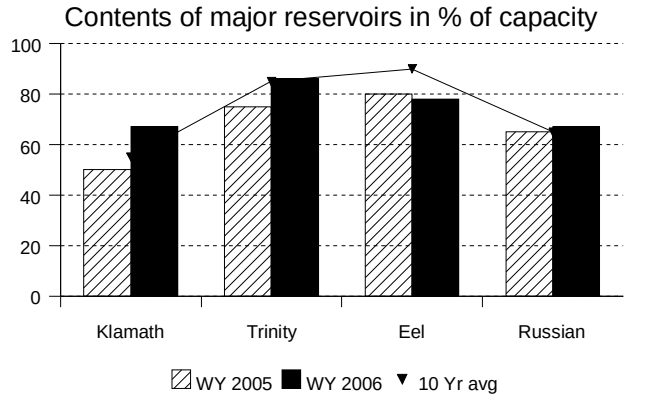
Snowpack Accumulation



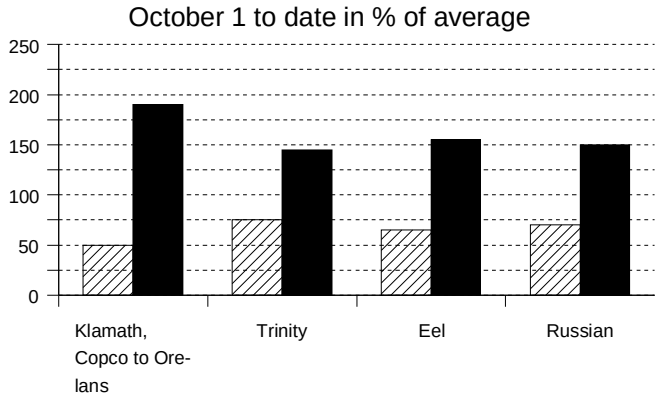
Precipitation



Reservoir Storage



Runoff



NORTH COAST REGION

SNOWPACK- First of the month measurements made at 7 snow courses indicate an area wide snow water equivalent of 35.5 inches. This is 140 percent of the April 1 average. Last year at this time the pack was holding 30.4 inches of water.

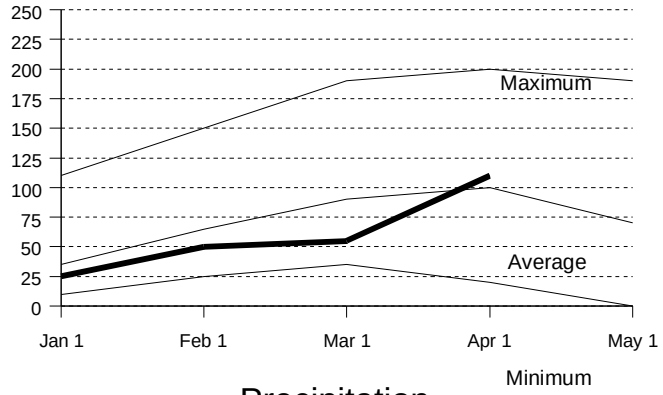
PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 150 percent of normal. Precipitation last month was about 185 percent of the monthly average. Seasonal precipitation at this time last year stood at 85 percent of normal.

RESERVOIR STORAGE- First of the month storage in 6 reservoirs was 2.6 million acre-feet which is 105 percent of average. About 85 percent of available capacity was being used. Storage in these reservoirs at this time last year was 95 percent of average.

RUNOFF -Seasonal runoff of streams draining the area totaled 16.6 million acre-feet which is 165 percent of the average for this period. Last year, runoff for the same period was 60 percent of average.

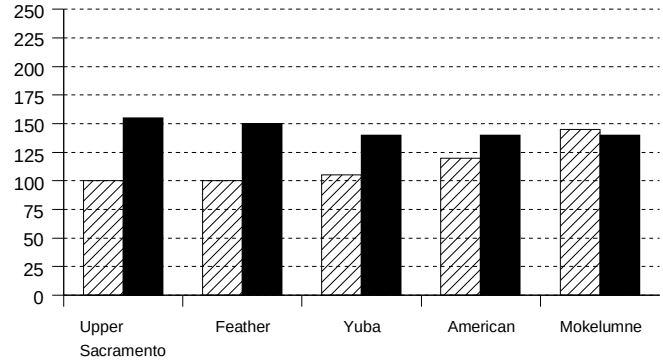
Snowpack Accumulation

Water Content in % of April 1 Average



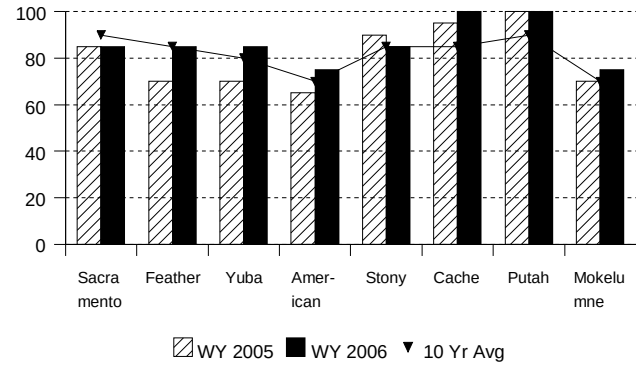
Precipitation

October 1 to date in % of Average



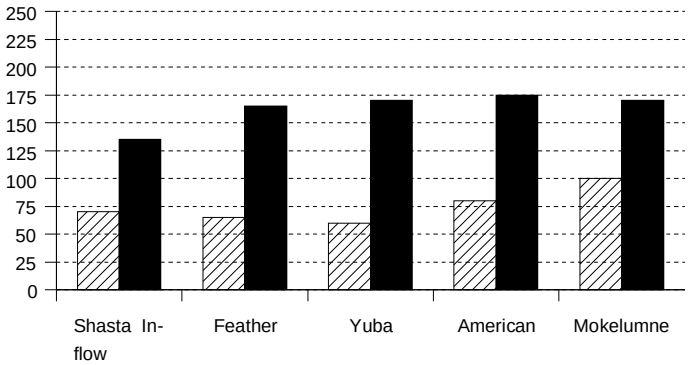
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SACRAMENTO RIVER REGION

SNOWPACK- First of the month measurements made at 75 snow courses indicate an area wide snow water equivalent of 33.1 inches. This is 110 percent of the April 1 average. Last year at this time the pack was holding 34.3 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on this area was 145 percent of normal. Precipitation last month was about 200 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal.

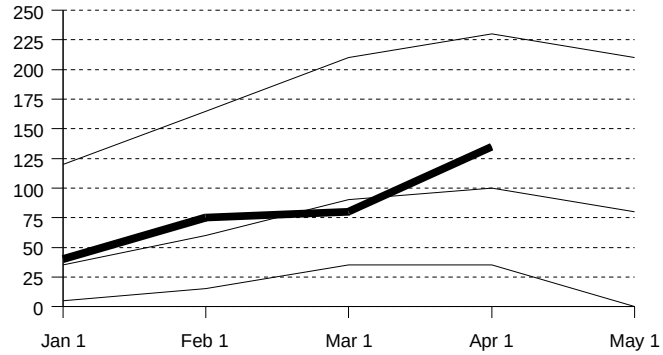
RESERVOIR STORAGE- First of the month storage in 43 reservoirs was 13.7 million acre-feet which is 110 percent of average. About 85 percent of available capacity was being used. Storage in these reservoirs at this time last year was 100 percent of average.

RUNOFF - Seasonal runoff of streams draining the are totaled 18.0 million acre-feet which is 155 percent of average for this period. Last year, runoff for the same period was 95 percent of average.

The **Sacramento Region 40-30-30 Water Supply Index** is forecast to be 11.4 assuming median meteorological conditions for the remainder of the year. This classifies the year as "wet" in the Sacramento Valley according to the State Water Resources Control Board.

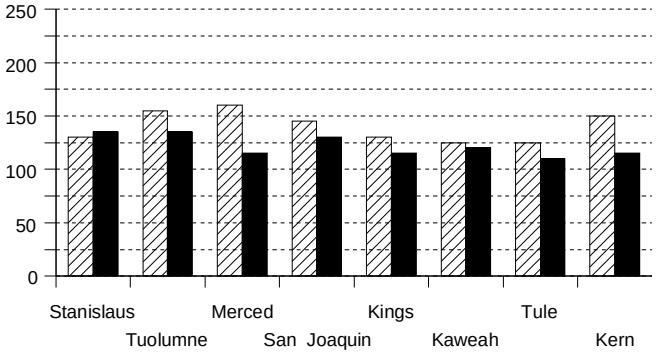
Snowpack Accumulation

Water Content in % of April 1 Average



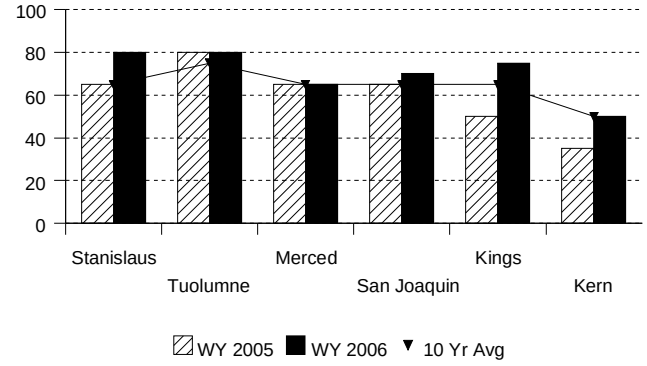
Precipitation

October 1 to date in % of Average



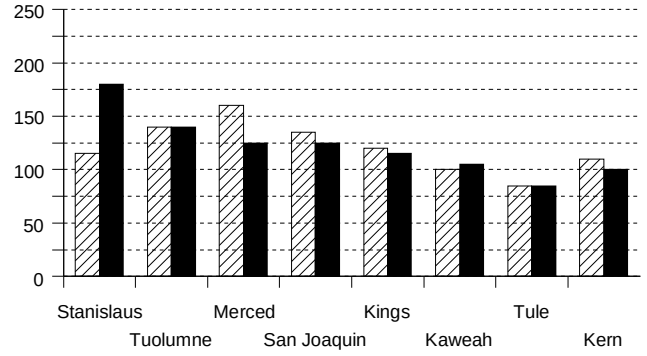
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN JOAQUIN RIVER AND TULARE LAKE REGIONS

SNOWPACK- First of the month measurements made at 69 **San Joaquin Region** snow courses indicate an area wide snow water equivalent of 42.3 inches. This is 135 percent of the April 1 average. Last year at this time the pack was holding 49.2 inches of water. At the same time 35 **Tulare Lake Region** snow courses indicated a basin-wide snow water equivalent of 32.6 inches which is 135 percent of the average for April 1. Last year at this time the basin was holding 38.7 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Joaquin Region** was 125 percent of normal. Precipitation last month was about 205 percent of the monthly average. Seasonal precipitation at this time last year stood at 150 percent of normal. Seasonal precipitation on the **Tulare Lake Region** was 110 percent of normal. Precipitation last month was about 200 percent of the monthly average. Seasonal precipitation at this time last year stood at 135 percent of normal.

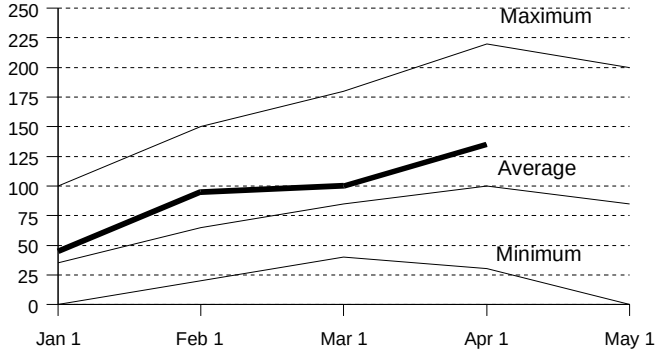
RESERVOIR STORAGE- First of the month storage in 34 **San Joaquin Region** reservoirs was 9.4 million acre-feet which is 125 percent of average. About 80 percent of available capacity was being used. Storage in these reservoirs at this time last year was 120 percent of average. First of the month storage in 6 **Tulare Lake Region** reservoirs was 1.3 million acre-feet which is 145 percent of average and about 60 percent of available capacity. Storage in these reservoirs at this time last year was 100 percent of average.

RUNOFF- Seasonal runoff of streams draining the **San Joaquin Region** totaled 3.8 million acre-feet which is 150 percent of average for this period. Last year, runoff for the same period was 130 percent of average. Seasonal runoff of streams draining the **Tulare Lake Basin** totaled 950 thousand acre-feet which is 105 percent of average for this period. Last year runoff for this same period was 110 percent of average.

The **San Joaquin River Region 60-20-20 Water Supply Index** is forecast to be 4.5 assuming median meteorological conditions. This classifies the year as "wet" in the San Joaquin Region according to the State Water Resources Control Board.

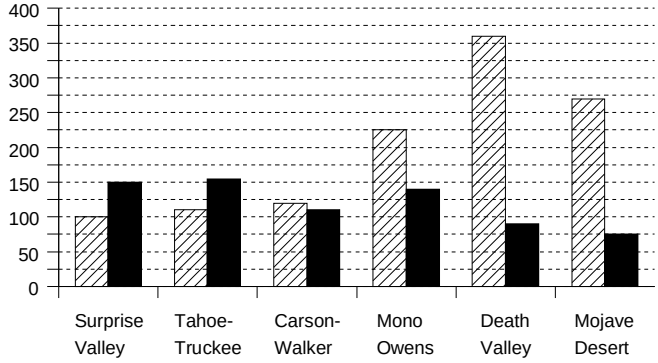
Snowpack Accumulation

Water Content in % of April 1 Average



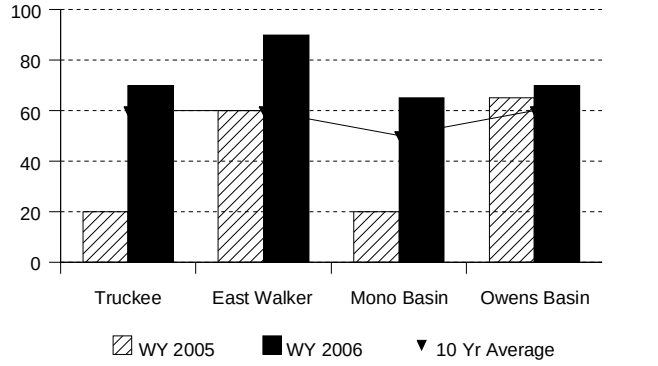
Precipitation

October 1 to date in % of Average



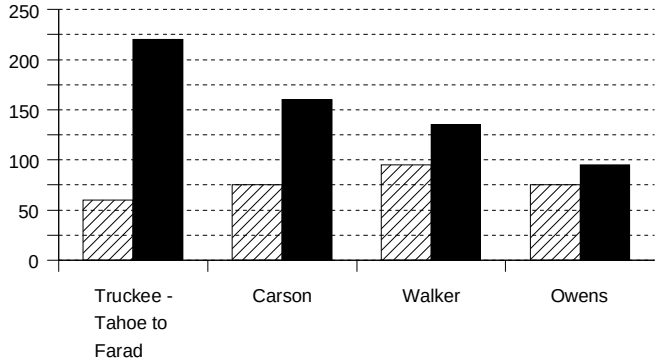
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



NORTH AND SOUTH LAHONTAN REGIONS

SNOWPACK- First of the month measurements made at 15 **North Lahontan snow** courses indicate an area wide snow water equivalent of 40.3 inches. This is 125 percent of the April 1 average. Last year at this time the pack was holding 34.8 inches of water. At the same time 20 **South Lahontan Region** snow courses indicated a basin-wide snow water equivalent of 29.4 inches which is 145 percent of the average for April 1. Last year at this time the basin was holding 33.7 inches of water.

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **North Lahontan** was 140 percent of normal. Precipitation last month was about 130 percent of the monthly average. Seasonal precipitation at this time last year stood at 110 percent of normal.

Seasonal precipitation on the **South Lahontan** was 100 percent of normal. Precipitation last month was about 110 percent of the monthly average. Seasonal precipitation at this time last year stood at 285 percent of normal.

RESERVOIR STORAGE- First of the month storage in 5 **North Lahontan** reservoirs was 747 thousand acre-feet which is 125 percent of average. About 70 percent of available capacity was being used. Storage in these reservoirs at this time last year was 40 percent of average. Lake Tahoe was 3.8 feet above its natural rim on April 1.

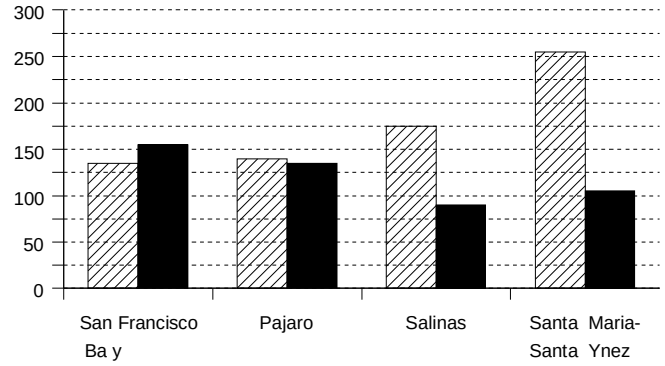
First of the month storage in 8 **South Lahontan** reservoirs was 300 thousand acre-feet which is 115 percent of average and about 75 percent of available capacity. Storage in these reservoirs at this time last year was 95 percent of average.

RUNOFF- Seasonal runoff of streams draining the **North Lahontan Region** totaled 549 thousand acre-feet which is 185 percent of average for this period. Last year, runoff for the same period was 70 percent of average.

Seasonal runoff of the Owens River in the **South Lahontan** totaled 63 thousand acre-feet which is 95 percent of average for this period. Last year runoff for this same period was 75 percent of average.

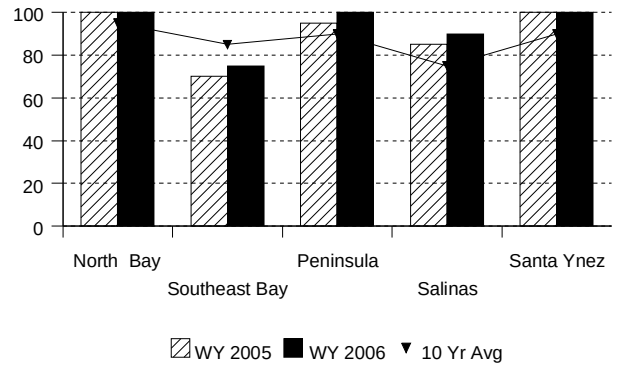
Precipitation

October 1 to date in % of Average



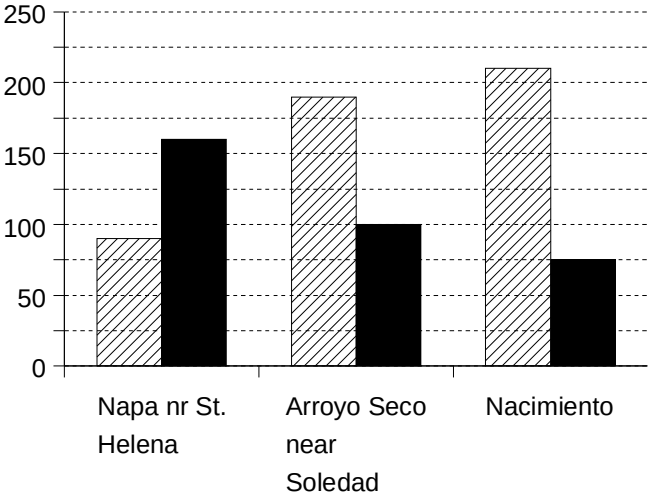
Reservoir Storage

Contents of major reservoirs in % of capacity



Runoff

October 1 to date in % of average



SAN FRANCISCO BAY AND CENTRAL COAST REGIONS

PRECIPITATION - Seasonal precipitation (October 1 through the end of last month) on the **San Francisco Bay Region** was 155 percent of normal. Precipitation last month was about 275 percent of the monthly average. Seasonal precipitation at this time last year stood at 140 percent of normal.

Seasonal precipitation on the **Central Coast Region** was 110 percent of normal. Precipitation last month was about 195 percent of the monthly average. Seasonal precipitation at this time last year stood at 190 percent of normal.

RESERVOIR STORAGE- First of the month storage in 14 **San Francisco Bay Region** reservoirs was 456 thousand acre-feet which is 115 percent of average. About 85 percent of available capacity was being used. Storage in these reservoirs at this time last year was 110 percent of average.

First of the month storage in 6 **Central Coast Region** reservoirs was 900 thousand acre-feet which is 130 percent of average and about 95 percent of available capacity. Storage in these reservoirs at this time last year was 125 percent of average.

RUNOFF- Seasonal runoff of the Napa River in the **San Francisco Bay Region** totaled 108 thousand acre-feet which is 160 percent of average for this period. Last year, runoff for the same period was 90 percent of average.

Seasonal runoff of streams draining the **Central Coast Region** totaled 240 thousand acre-feet which is 85 percent of average for this period. Last year runoff for this same period was 205 percent of average.

SOUTH COAST AND COLORADO RIVER REGIONS

PRECIPITATION - October through March (seasonal) precipitation on the **South Coast Region** is 60 percent of normal. March precipitation was 115 percent of the monthly average. Seasonal precipitation at this time last year was 235 percent of normal. Seasonal precipitation on the **Colorado River-Desert Region** is 55 percent of normal. March precipitation was 40 percent of the monthly average. Seasonal precipitation at this time last year stood at 315 percent of average.

RESERVOIR STORAGE – March 31 storage in 29 major **South Coast Region** reservoirs is 1.5 million acre-feet or 100 percent of average. About 80 percent of available capacity is being used. Storage in these reservoirs at this time last year was 110 percent of average.
On March 31 combined storage in Lakes Powell, Mead, Mohave and Havasu was about 28.3 million acre-feet or about 70 percent of average. About 55 percent of available capacity was in use. Last year at this time, these reservoirs were storing 65 percent of average.

RUNOFF - Seasonal runoff from selected **South Coast Region** streams totaled 30 thousand acre-feet which is 80 percent of average. Seasonal runoff from these streams last year was 315 percent of average.

COLORADO RIVER - The April -July inflow to Lake Powell is forecast to be 7.7 million acre-feet, which is 97 percent of average. The April 1 snowpack in the Colorado River basin above Lake Powell is average, highest in the Duchesne at 120 percent and lowest in the San Juan at 65 percent.

CENTRAL VALLEY PROJECT

As of March 31, 2006, CVP storage was 9.7 million acre-feet, which is an increase of 0.8 million acre-feet compared to one year ago and is approximately 111% of normal for that date.

The Bureau of Reclamation announced updated water year 2006 supply allocations for the CVP contractors on March 15, 2006. Based on a conservative water supply forecast prepared from information available March 1, 2006, and a water year inflow into Shasta Reservoir of 6.3 million acre-feet, CVP water supplies were: Agricultural contractors North of Delta 100% and South of Delta 65%; Urban contractors North of Delta 100% and South of Delta 90%; Sacramento River water rights and San Joaquin Exchange Contractors 100%; Wildlife Refuges 100%; Eastside Division contractors (Stanislaus River) projected to be 155,000 acre-feet; Friant Division contractors 100% of Class 1 and Uncontrolled Season for Class 2. Updated allocations will be announced in mid-April.

STATE WATER PROJECT

On March 31, total storage in the major SWP reservoirs was about 4.59 MAF, compared with about 4.17 MAF at this time in 2005. End of month storage at Lake Oroville was about 2.90 MAF as compared to 2.46 MAF last year. The State's share of San Luis Reservoir storage was about 1.06 MAF, which is about the same at this time last year. The combined storage in our southern reservoirs was about 624 TAF, compared with about 654 TAF at this time last year.

Due to significantly wetter conditions in the Sacramento Valley in March, the Department's SWP allocation was increased to 80% (about 3.30 MAF), a rise from February's allocation of 70%.

MAJOR WATER DISTRIBUTION PROJECTS

RESERVOIR STORAGE

(AVERAGES BASED ON 1951-2000 OR PERIOD RECORD)

RESERVOIR	CAPACITY 1,000 AF	AVERAGE STORAGE 1,000 AF	STORAGE AT END OF March 2005 1,000 AF	2006 1,000 AF	PERCENT AVERAGE	PERCENT CAPACITY
STATE WATER PROJECT						
Lake Oroville	3,538	2,790	2,458	2,899	104%	82%
San Luis Reservoir (SWP)	1,062	984	1,063	1,063	108%	100%
Lake Del Valle	77	37	40	41	109%	53%
Lake Silverwood	73	66	74	70	106%	95%
Pyramid Lake	171	164	170	166	102%	97%
Castaic Lake	325	285	289	318	111%	98%
Perris Lake	132	118	122	71	60%	54%
CENTRAL VALLEY PROJECT						
Trinity Lake	2,448	1,961	1,842	2,102	107%	86%
Lake Shasta	4,552	3,705	3,827	3,854	104%	85%
Whiskeytown Lake	241	213	205	215	101%	89%
Folsom Lake	977	622	674	710	114%	73%
New Melones Reservoir	2,420	1,452	1,578	2,075	143%	86%
Millerton Lake	520	348	490	496	142%	95%
San Luis Reservoir (CVP)	971	870	966	969	111%	100%
COLORADO RIVER PROJECT						
Lake Mead	26,159	20,492	16,220	15,337	75%	59%
Lake Powell	24,322	19,064	8,015	10,704	56%	44%
Lake Mohave	1,810	1,679	1,689	1,665	99%	92%
Lake Havasu	619	556	551	564	101%	91%
EAST BAY MUNICIPAL UTILITY DISTRICT						
Pardee Res	198	181	186	194	107%	98%
Camanche Reservoir	417	252	372	340	135%	82%
East Bay (4 res.)	147	135	128	136	101%	92%
CITY AND COUNTY OF SAN FRANCISCO						
Hetch-Hetchy Reservoir	360	130	192	214	164%	59%
Cherry Lake	268	122	229	219	179%	82%
Lake Eleanor	26	12	23	17	141%	63%
South Bay/Peninsula (4 res.)	225	180	170	187	104%	83%
CITY OF LOS ANGELES (D.W.P.)						
Lake Crowley	183	128	139	150	117%	82%
Grant Lake	48	28	16	43	154%	90%
Other Aqueduct Storage (6 res.)	83	77	44	49	63%	58%

TELEMETERED SNOW WATER EQUIVALENTS

April 1, 2006

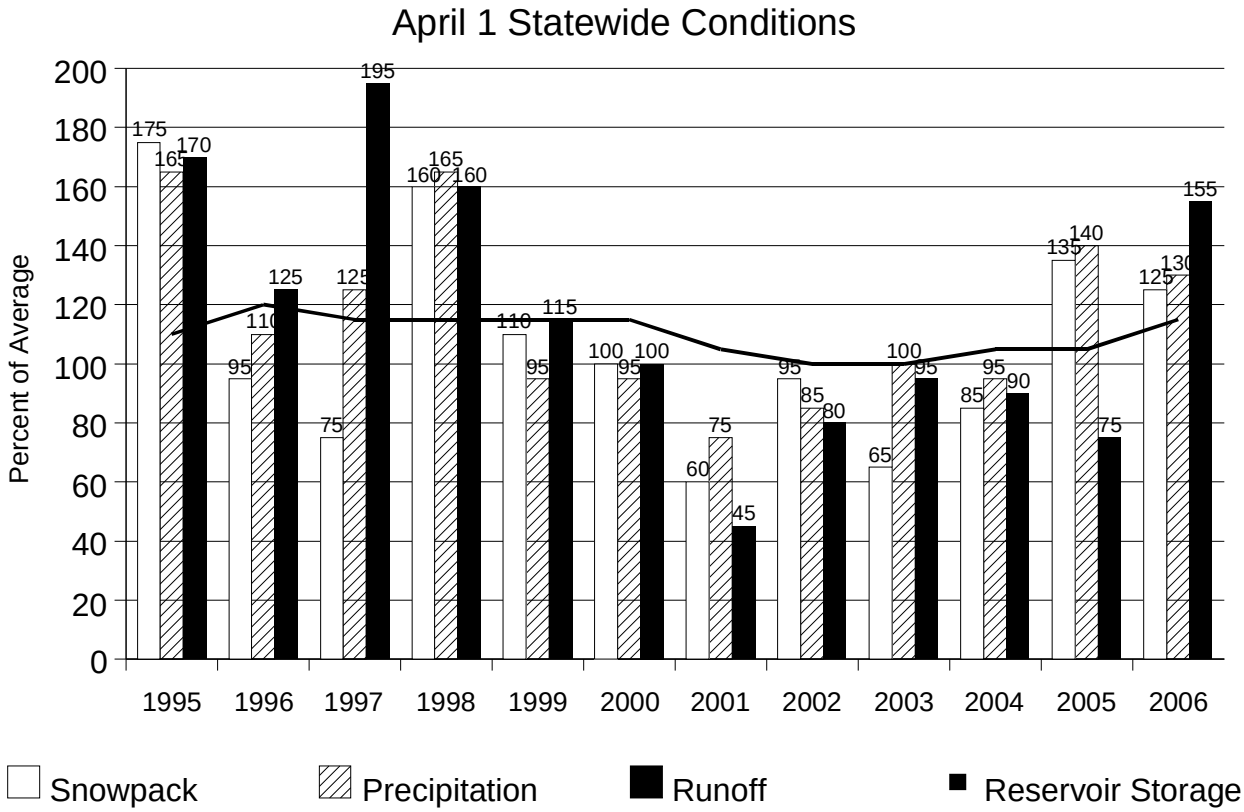
(AVERAGES BASED ON PERIOD RECORD)

BASIN NAME / STATION NAME	ELEV	APRIL 1 AVERAGE	INCHES OF WATER EQUIVALENT Apr 1	PERCENT OF AVERAGE	24 HRS PREVIOUS	1 WEEK PREVIOUS
TRINITY RIVER						
Peterson Flat	7150’	29.2	38.3	131.3	37.6	35.7
Red Rock Mountain	6700’	39.6	68.8	173.8	66.9	64.2
Bonanza King	6450’	40.5	—	—	—	—
Shimmy Lake	6400’	40.3	74.4	184.6	72.5	67.3
Middle Boulder 3	6200’	28.3	58.2	205.5	56.9	54.9
Highland Lakes	6030’	29.9	54.5	182.2	51.8	45.1
Scott Mountain	5900’	16.0	44.8	279.8	43.6	41.0
Mumbo Basin	5650’	22.4	50.0	223.4	48.4	44.6
Big Flat	5100’	15.8	32.1	203.2	31.5	30.7
Crowder Flat	5100’	—	5.1	—	5.1	5.5
SACRAMENTO RIVER						
Cedar Pass	7100’	18.1	20.0	110.5	19.7	18.2
Blacks Mountain	7050’	12.7	15.4	120.9	15.1	13.9
Sand Flat	6750’	42.4	59.0	139.2	57.6	53.1
Medicine Lake	6700’	32.6	52.6	161.2	52.0	49.1
Adin Mountain	6200’	13.6	15.0	110.3	15.0	14.5
Snow Mountain	5950’	27.0	45.5	168.4	44.2	39.7
Slate Creek	5700’	29.0	52.5	181.0	50.5	46.2
Stouts Meadow	5400’	36.0	60.3	167.5	58.0	52.9
FEATHER RIVER						
Kettle Rock	7300’	25.5	29.8	116.7	29.3	26.9
Grizzly Ridge	6900’	29.7	29.2	98.2	28.2	25.1
Pilot Peak	6800’	52.6	41.1	78.1	38.7	34.5
Gold Lake	6750’	36.5	37.7	103.2	36.6	33.1
Humbug	6500’	28.0	45.4	162.1	44.4	41.7
Rattlesnake	6100’	14.0	25.7	183.4	24.5	23.5
Bucks Lake	5750’	44.7	49.0	109.5	47.5	44.8
Four Trees	5150’	20.0	31.8	159.0	29.5	28.0
EEL RIVER						
Noel Spring	5100’	—	10.7	—	10.0	8.2
YUBA & AMERICAN RIVERS						
Lake Lois	8600’	39.5	64.4	163.0	64.0	72.0
Schneiders	8750’	34.5	70.6	204.8	68.8	64.2
Carson Pass	8353’	—	—	—	—	—
Caples Lake	8000’	30.9	41.1	133.1	40.2	37.5
Alpha	7600’	35.9	39.8	110.8	38.6	35.6
Meadow Lake	7200’	55.5	—	—	—	—
Silver Lake	7100’	22.7	36.0	158.5	34.8	31.8
Central Sierra Snow Lab	6900’	33.6	45.9	136.6	44.3	40.4
Huysink	6600’	42.6	33.2	78.0	32.2	28.6
Van Vleck	6700’	35.9	45.2	126.0	43.4	40.1
Robbs Saddle	5900’	21.4	30.6	142.9	29.1	25.8
Greek Store	5600’	21.0	29.5	140.6	28.6	25.7
Blue Canyon	5280’	9.0	24.5	272.1	22.6	22.2
Robbs Powerhouse	5150’	5.2	18.4	353.8	17.4	16.6
MOKELUMNE & STANISLAUS RIVERS						
Deadman Creek	9250’	37.2	32.4	87.1	32.3	31.2
Highland Meadow	8700’	47.9	61.2	127.8	60.6	58.4
Gianelli Meadow	8400’	55.5	64.9	116.9	63.6	59.3
Lower Relief Valley	8100’	41.2	63.4	153.8	62.2	57.6
Blue Lakes	8000’	33.1	36.6	110.6	35.6	33.0
Mud Lake	7900’	44.9	64.6	143.9	63.0	61.2
Stanislaus Meadow	7750’	47.5	63.8	134.4	62.7	58.7
Bloods Creek	7200’	35.5	34.8	98.0	33.5	31.0
Black Springs	6500’	32.0	30.3	94.6	28.9	26.2
TUOLUMNE & MERCED RIVERS						
Tioga Pass Entrance	9945’	—	—	—	—	—
Dana Meadows	9800’	27.7	38.5	139.0	38.4	36.5
Slide Canyon	9200’	41.1	58.3	141.8	57.3	53.9
Lake Tenaya	8150’	33.1	44.3	133.9	43.2	41.2
Tuolumne Meadows	8600’	22.6	32.1	142.2	31.8	29.3
Horse Meadow	8400’	48.6	67.6	139.0	66.2	62.0
Ostrander Lake	8200’	34.8	49.5	142.2	48.2	44.7
Paradise Meadow	7650’	41.3	53.3	129.0	52.1	47.8
Gin Flat	7050’	34.2	24.5	71.6	23.7	22.0
Lower Kibbie Ridge	6700’	27.4	22.4	81.8	21.5	17.6

SAN JOAQUIN RIVER						
Volcanic Knob	10050’	30.1	44.5	147.7	44.5	41.2
Agnew Pass	9450’	32.3	27.0	83.6	27.0	25.7
Kaiser Point	9200’	37.8	47.5	125.5	46.9	42.8
Green Mountain	7900’	30.8	39.0	126.6	38.3	34.4
Tamarack Summit	7550’	30.5	39.7	130.2	38.5	34.3
Chilkoot Meadow	7150’	38.0	38.3	100.7	37.2	33.1
Huntington Lake	7000’	20.1	25.6	127.2	24.8	22.2
Graveyard Meadow	6900’	18.8	24.0	127.7	23.0	20.0
Poison Ridge	6900’	28.9	—	—	—	—
KINGS RIVER						
Bishop Pass	11200’	34.0	37.4	110.1	37.2	33.5
Charlotte Lake	10400’	27.5	40.5	147.4	40.2	36.7
State Lakes	10300’	29.0	49.9	172.1	48.9	43.8
Mitchell Meadow	9900’	32.9	—	—	—	40.0
Blackcap Basin	10300’	34.3	42.2	123.0	41.7	37.3
Upper Burnt Corral	9700’	34.6	43.7	126.4	43.1	38.7
West Woodchuck Meadow	9100’	32.8	47.3	144.2	47.2	43.1
Big Meadows	7600’	25.9	40.4	156.1	39.2	33.7
KAWEAH & TULE RIVERS						
Farewell Gap	9500’	34.5	66.3	192.2	65.4	60.7
Quaking Aspen	7200’	21.0	23.3	110.9	22.9	19.9
Giant Forest	6650’	10.0	—	—	—	—
KERN RIVER						
Upper Tyndall Creek	11400’	27.7	27.6	99.6	27.5	24.9
Crabtree Meadow	10700’	19.8	21.7	109.7	21.6	19.7
Chagoopa Plateau	10300’	21.8	20.8	95.3	20.4	18.1
Pascoes	9150’	24.9	36.6	147.0	36.2	32.2
Tunnel Guard Station	8900’	15.6	19.1	122.6	19.1	17.1
Wet Meadows	8950’	30.3	—	—	—	—
Casa Vieja Meadows	8300’	20.9	28.3	135.4	27.8	24.4
Beach Meadows	7650’	11.0	7.7	69.8	7.7	5.8
SURPRISE VALLEY AREA						
Dismal Swamp	7050’	29.2	41.5	142.1	41.1	40.0
TRUCKEE RIVER						
Mount Rose Ski Area	8900’	38.5	64.8	168.3	63.9	60.2
Independence Lake	8450’	41.4	54.2	130.9	53.0	49.9
Big Meadows	8700’	25.7	32.5	126.5	31.9	29.6
Squaw Valley	8200’	46.5	72.4	155.7	72.3	70.9
Independence Camp	7000’	21.8	19.2	88.1	17.5	15.0
Independence Creek	6500’	12.7	13.5	106.3	13.2	12.8
Truckee 2	6400’	14.3	16.5	115.4	15.7	14.1
LAKE TAHOE BASIN						
Heavenly Valley	8800’	28.1	37.7	134.2	36.7	34.2
Hagans Meadow	8000’	16.5	27.1	164.2	26.6	25.8
Marlette Lake	8000’	21.1	34.7	164.5	33.8	31.1
Echo Peak 5	7800’	39.5	55.9	141.5	54.3	50.2
Rubicon Peak 2	7500’	29.1	31.4	107.9	30.4	27.4
Tahoe City Cross	6750’	16.0	13.3	83.1	12.3	10.7
Ward Creek 3	6750’	39.4	44.9	114.0	43.6	39.8
Fallen Leaf Lake	6250’	7.0	6.9	98.6	6.2	5.4
CARSON RIVER						
Ebbetts Pass	8700’	38.8	54.0	139.2	53.0	50.1
Horse Meadow	8557’	—	35.7	—	34.9	32.9
Burnside Lake	8129’	—	36.6	—	35.3	33.0
Forestdale Creek	8017’	—	—	—	—	—
Poison Flat	7900’	16.2	22.2	137.0	21.8	19.9
Monitor Pass	8350’	—	25.0	—	24.6	23.1
Spratt Creek	6150’	4.5	1.9	42.2	1.6	2.4
WALKER RIVER						
Leavitt Lake	9600’	—	86.1	—	85.1	80.7
Summit Meadow	9313’	—	42.2	—	41.4	36.4
Virginia Lakes	9300’	20.3	31.0	152.7	30.4	28.3
Lobdell Lake	9200’	17.3	29.8	172.3	29.8	27.4
Sonora Pass Bridge	8750’	26.0	36.6	140.8	35.8	33.3
Leavitt Meadows	7200’	8.0	10.6	132.5	10.6	9.6
OWENS RIVER/MONO LAKE						
Gem Pass	10750’	31.7	50.9	160.6	50.4	46.8
Sawmill	10200’	19.4	22.7	117.0	22.7	20.2
Cottonwood Lakes	10150’	11.6	20.4	176.2	20.4	19.3
Big Pine Creek	9800’	17.9	—	—	—	—
South Lake	9600’	16.0	28.4	177.8	28.2	25.9
Mammoth Pass	9300’	42.4	55.0	129.6	53.8	48.4
Rock Creek Lakes	10000’	14.0	27.8	198.4	27.8	26.0

NORMAL SNOWPACK ACCUMULATION EXPRESSED AS A PERCENT OF APRIL 1ST AVERAGE

AREA	JANUARY	FEBRUARY	MARCH	APRIL	MAY
Central Valley North	45%	70%	90%	100%	75%
Central Valley South	45%	65%	85%	100%	80%
North Coast	40%	60%	85%	100%	80%



SNOWLINES

Remember that this year's Western Snow Conference meeting is April 11-14 in Great Falls, Montana For further information regarding the Western Snow Conference contact Frank Gehrke at 916-574-2635 or gridley@water.ca.gov. Registration and program information is available on the web at .http://www.westernsnowconference.org/

On March 9, 2006, Don Paulsen passed away at his home in Sonora as it began to snow there in town. Don had been battling cancer for some time and the last week or so was extremely difficult for him. Don made his first snow survey in the Tuolumne River watershed on the March 1 survey in 1949 just a little over 57 years ago. We will miss Don's presence greatly.

Depicted on this month's cover is Phillips Station as it existed in 1908. In 1941 snow course measurements began in the meadow nearby this building.